**Data Collection and Preprocessing Phase**

| Date | 19 March 2025 |
| --- | --- |
| Team ID | LTVIP2025TMID19942 |
| Project Title | Cosmetic Insights Navigating Cosmetics Trends and Consumer Insights with Tableau |
| Maximum Marks | 2 Marks |

**Data Collection Plan & Raw Data Sources Identification Template**

Elevate your data strategy with the Data Collection plan and the Raw Data Sources report, ensuring meticulous data curation and integrity for informed decision-making in every analysis and decision-making endeavor.

**Data Collection Plan Template**

| **Section** | **Description** |
| --- | --- |
| Project Overview | The project aims to analyze cosmetic trends and consumer insights using Tableau. The dataset includes product information, pricing, rankings, and skin type suitability. |
| Data Collection Plan | * Data is sourced from e-commerce platforms and industry reports. * The dataset includes brand names, product names, prices, rankings, ingredient lists, and suitability for different skin types. * Data will be cleaned and preprocessed before visualization in Tableau. |
| Raw Data Sources Identified | 1. **Cosmetics Dataset** – Contains detailed information on 1,472 cosmetic products, including brand names, product names, prices, rankings, ingredients, and skin-type suitability. |

**Raw Data Sources Template**

| **Source Name** | **Description** | **Location/URL** | **Format** | **Size** | **Access Permissions** |
| --- | --- | --- | --- | --- | --- |
| Cosmetics Dataset | Contains 1,472 cosmetic products with brand names, prices, rankings, ingredients, and skin-type suitability | <https://www.kaggle.com/datasets/kingabzpro/cosmetics-datasets> | CSV | 1.15 MB | Public |
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